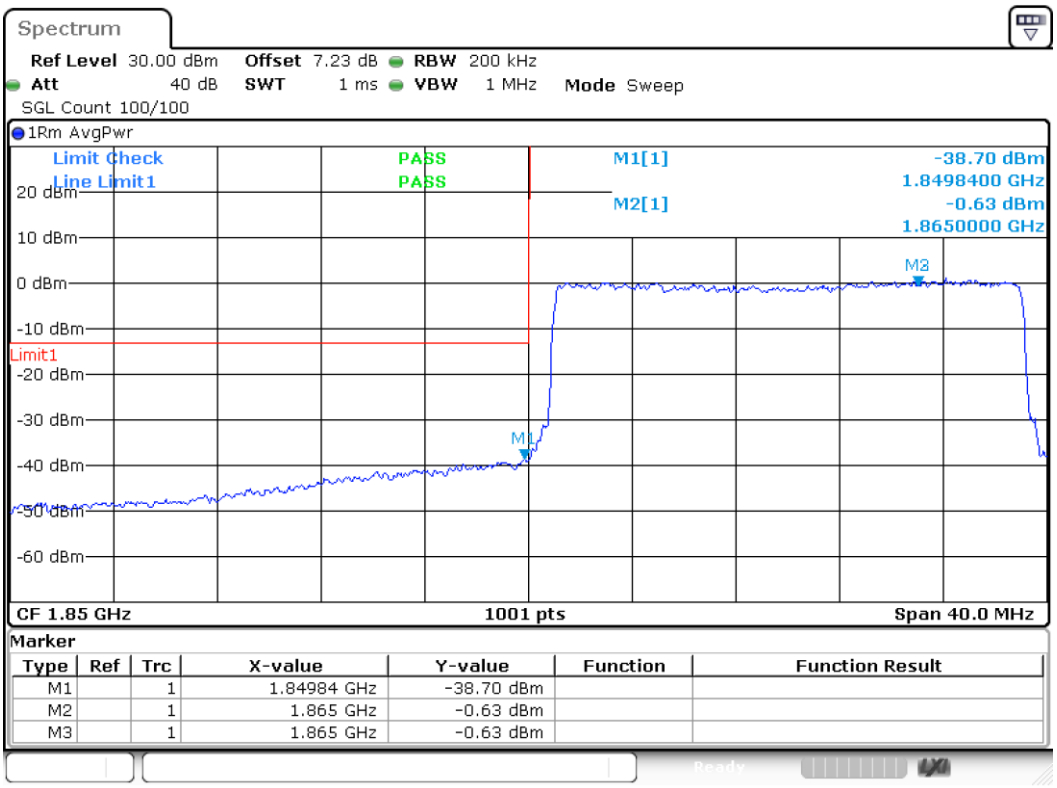
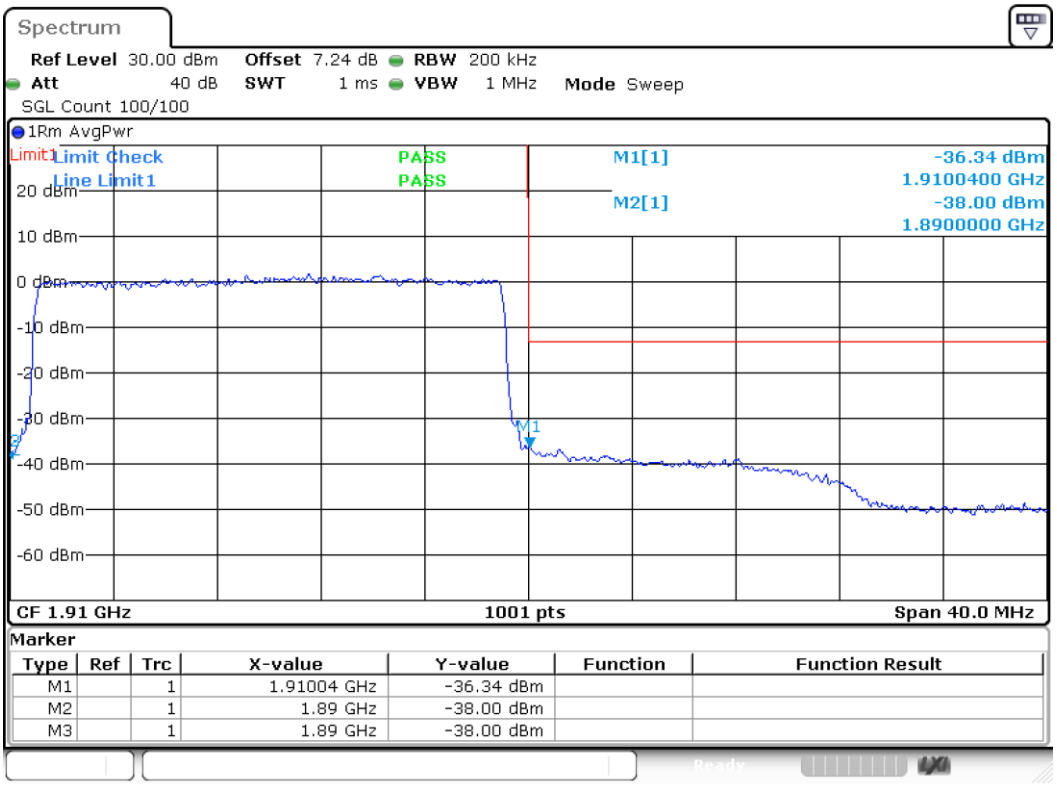
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



Date: 24.JUN.2024 14:42:32

Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



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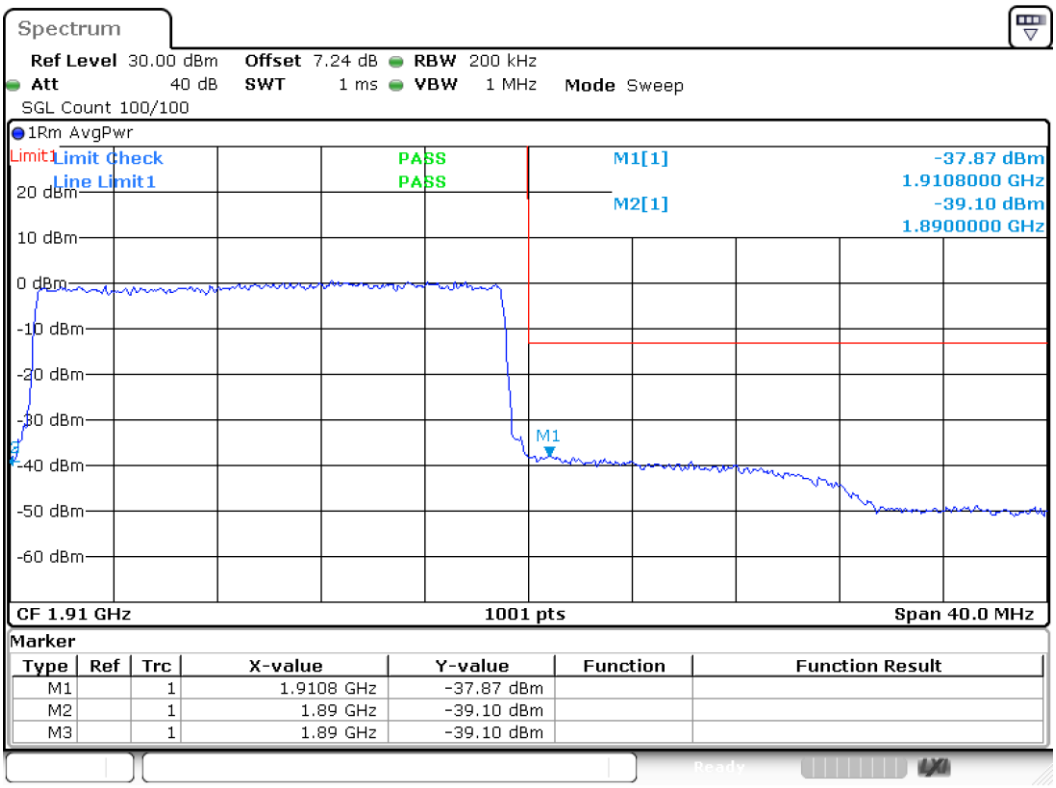
Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0

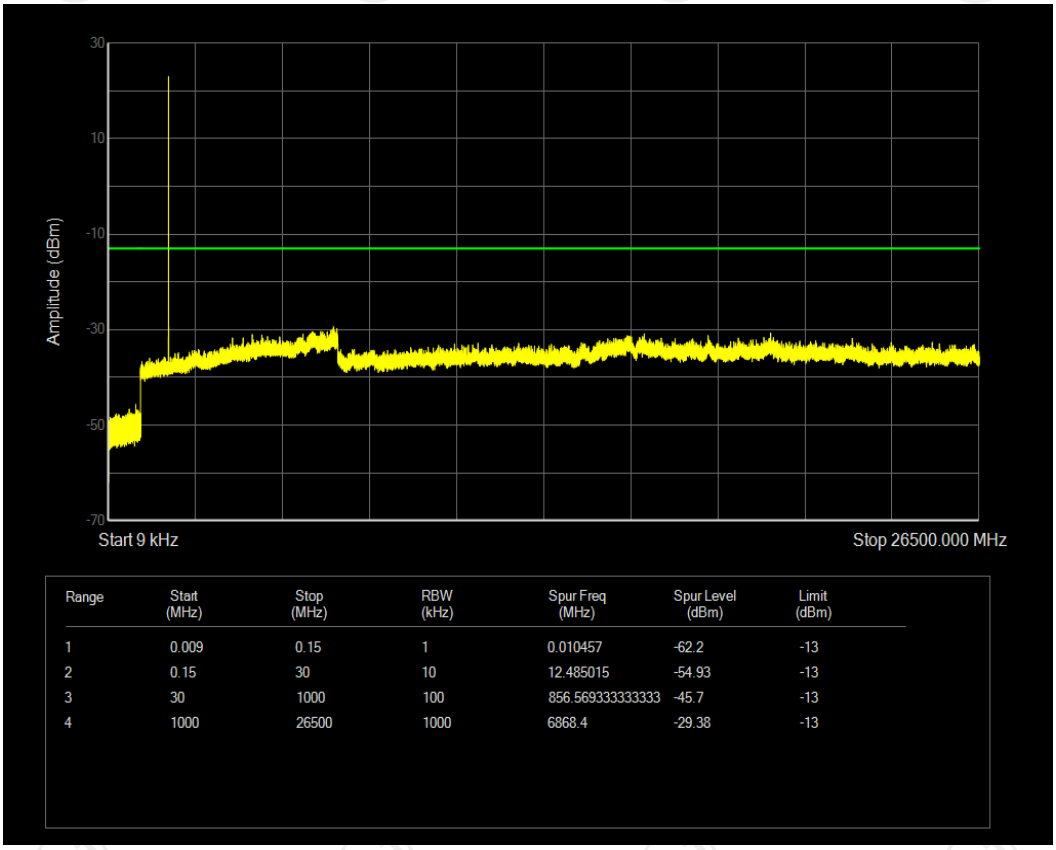


6 Out-of-band emissions

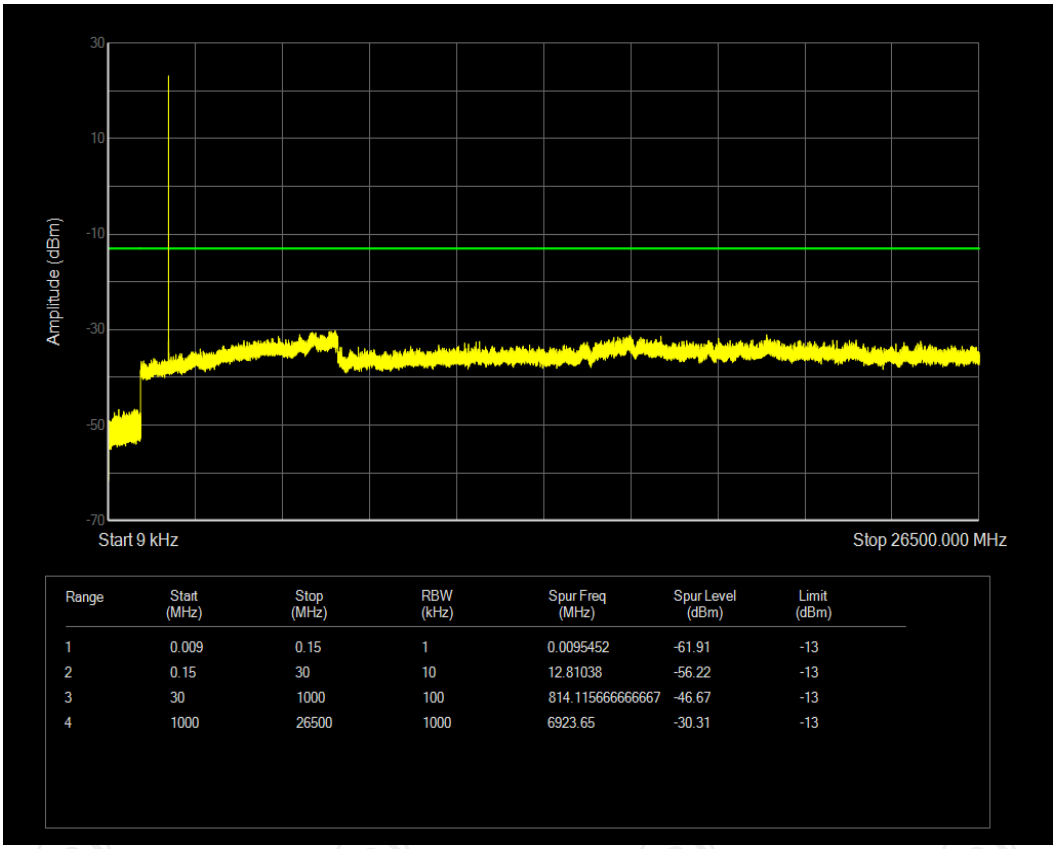
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	6868.40	-29.38	-13	PASS
Band2	1.4	18607	6	#0	16QAM	6923.65	-30.31	-13	PASS
Band2	1.4	19193	6	#0	QPSK	6261.50	-29.70	-13	PASS
Band2	1.4	19193	6	#0	16QAM	6754.50	-29.86	-13	PASS
Band2	3	18615	15	#0	QPSK	6139.95	-29.71	-13	PASS
Band2	3	18615	15	#0	16QAM	6208.80	-30.39	-13	PASS
Band2	3	19185	15	#0	QPSK	6794.45	-30.07	-13	PASS
Band2	3	19185	15	#0	16QAM	15778.10	-29.82	-13	PASS
Band2	5	18625	25	#0	QPSK	6968.70	-29.86	-13	PASS
Band2	5	18625	25	#0	16QAM	6695.85	-29.41	-13	PASS
Band2	5	19175	25	#0	QPSK	6937.25	-29.39	-13	PASS
Band2	5	19175	25	#0	16QAM	6774.05	-30.14	-13	PASS
Band2	10	18650	50	#0	QPSK	6853.95	-29.56	-13	PASS
Band2	10	18650	50	#0	16QAM	6299.75	-30.01	-13	PASS
Band2	10	19150	50	#0	QPSK	6875.20	-29.74	-13	PASS
Band2	10	19150	50	#0	16QAM	6763.85	-30.09	-13	PASS
Band2	15	18675	75	#0	QPSK	6934.70	-30.01	-13	PASS
Band2	15	18675	75	#0	16QAM	6808.90	-30.28	-13	PASS

Band2	15	19125	75	#0	QPSK	6940.65	-29.55	-13	PASS
Band2	15	19125	75	#0	16QAM	6919.40	-29.41	-13	PASS
Band2	20	18700	100	#0	QPSK	6291.25	-29.80	-13	PASS
Band2	20	18700	100	#0	16QAM	6224.95	-29.80	-13	PASS
Band2	20	19100	100	#0	QPSK	6904.10	-29.81	-13	PASS
Band2	20	19100	100	#0	16QAM	6487.60	-30.04	-13	PASS

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0

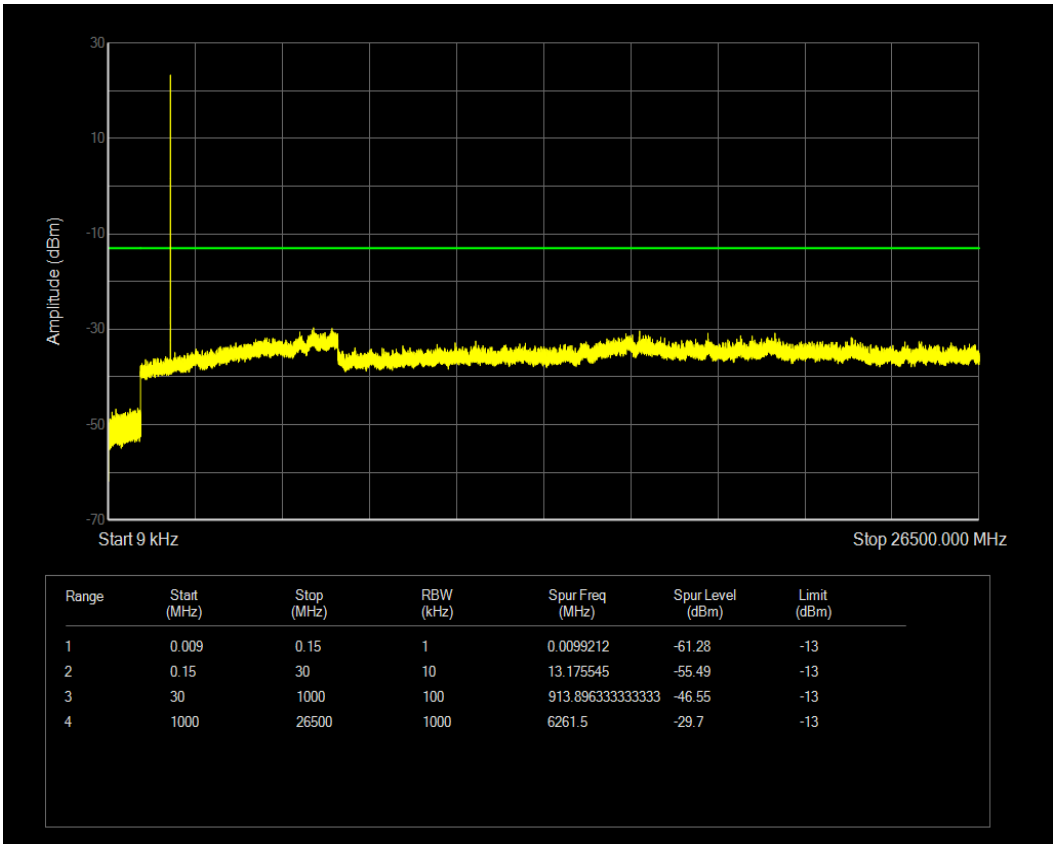


Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



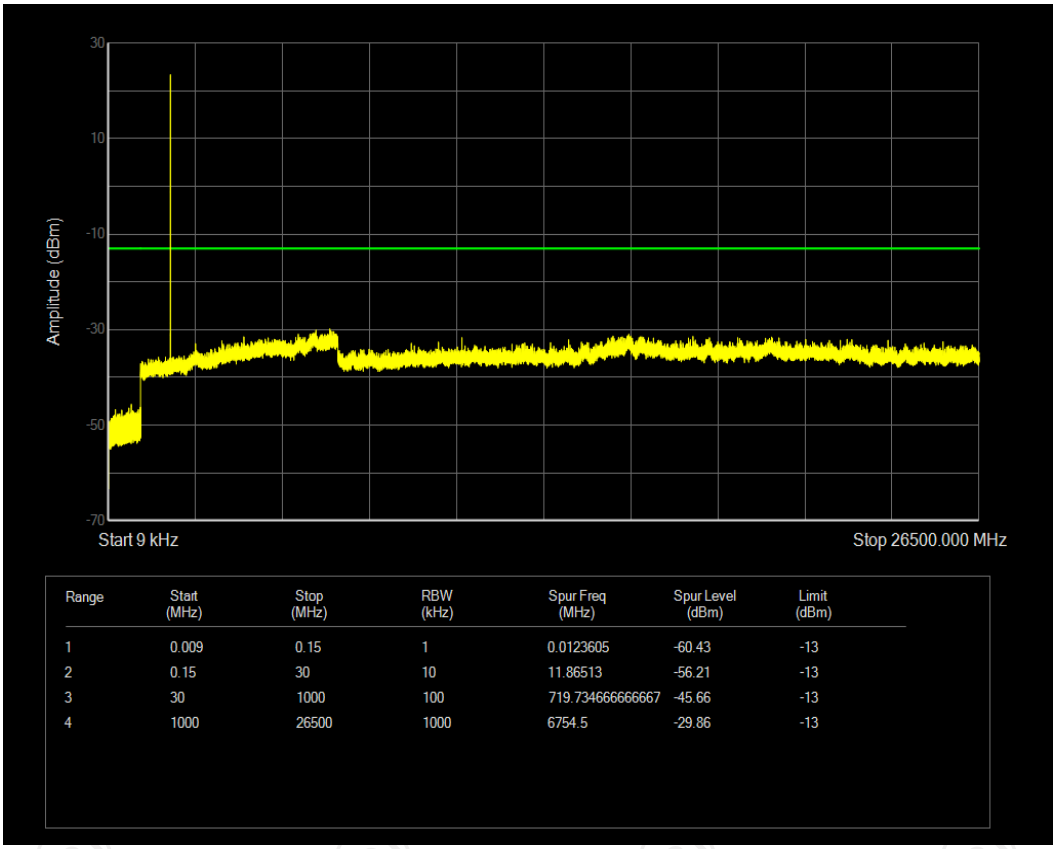
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095452	-61.91	-13
2	0.15	30	10	12.81038	-56.22	-13
3	30	1000	100	814.115666666667	-46.67	-13
4	1000	26500	1000	6923.65	-30.31	-13

Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



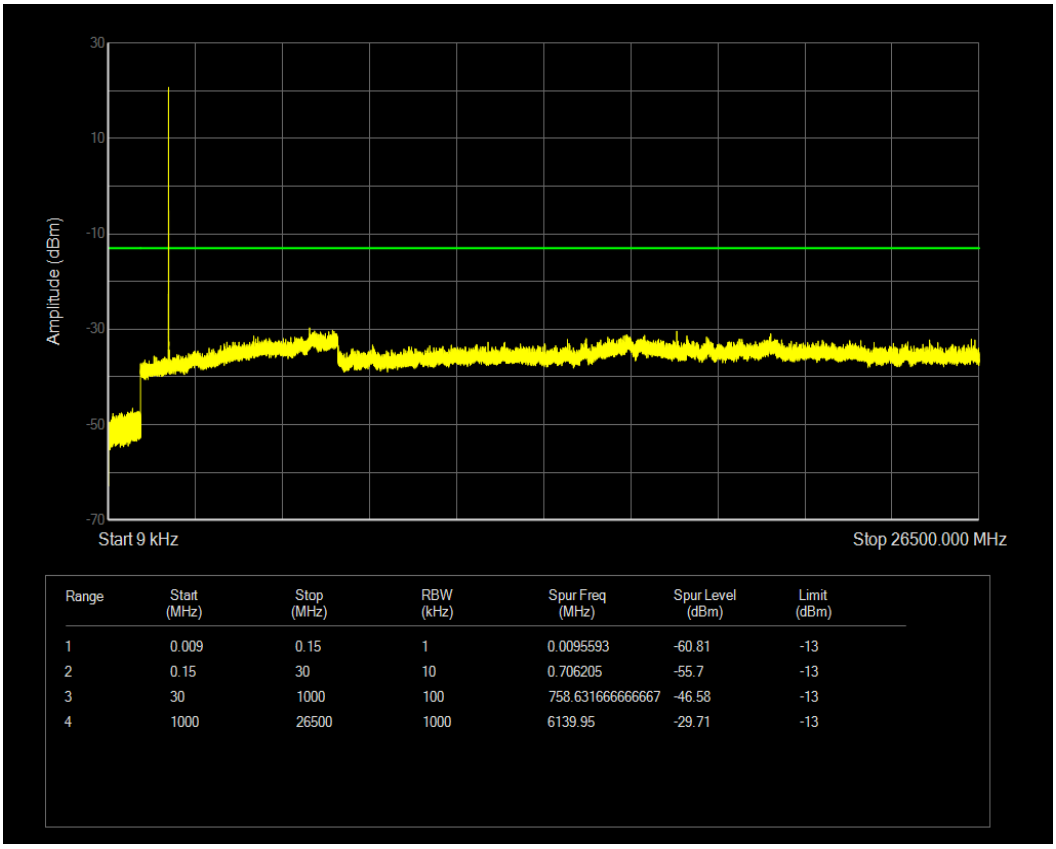
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0099212	-61.28	-13
2	0.15	30	10	13.175545	-55.49	-13
3	30	1000	100	913.896333333333	-46.55	-13
4	1000	26500	1000	6261.5	-29.7	-13

Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



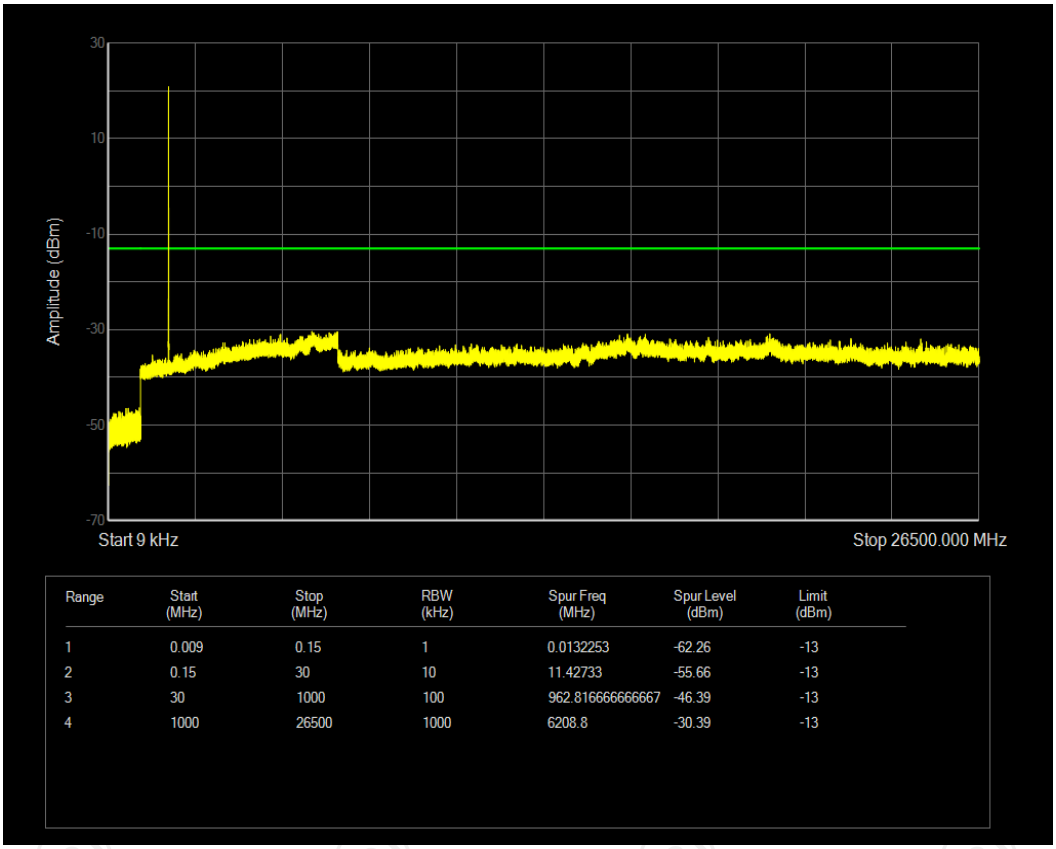
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0123605	-60.43	-13
2	0.15	30	10	11.86513	-56.21	-13
3	30	1000	100	719.734666666667	-45.66	-13
4	1000	26500	1000	6754.5	-29.86	-13

Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



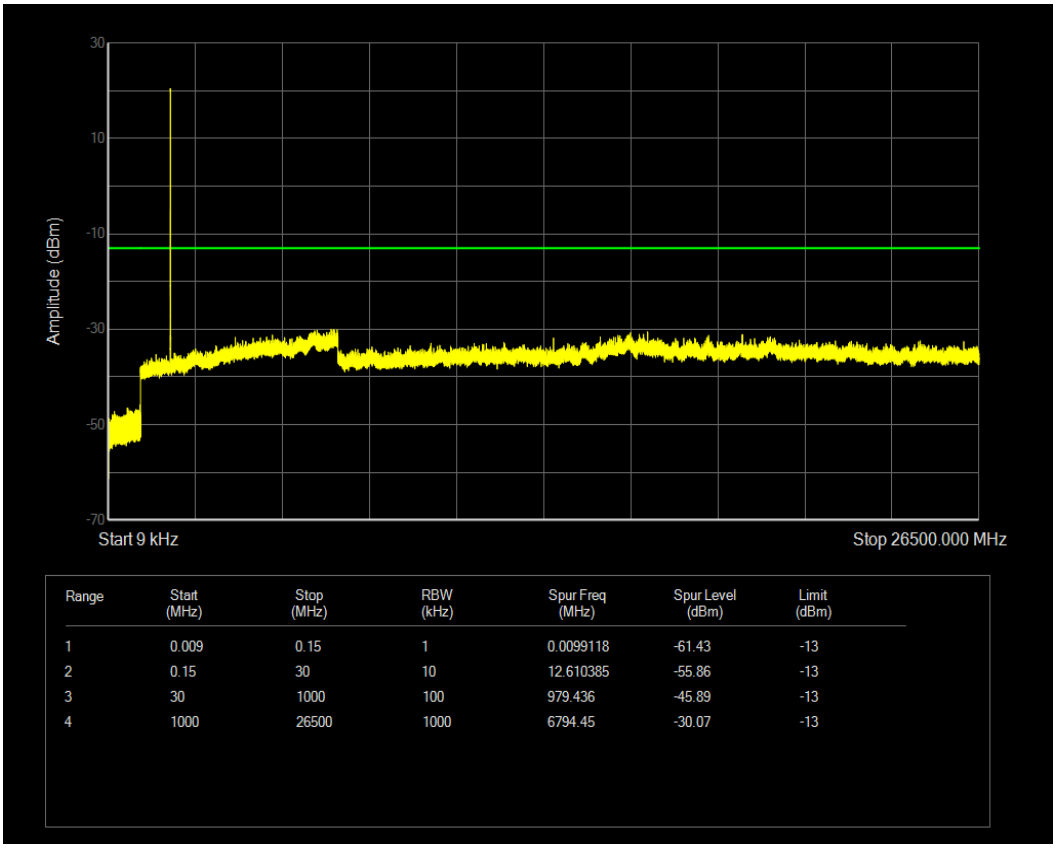
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095593	-60.81	-13
2	0.15	30	10	0.706205	-55.7	-13
3	30	1000	100	758.631666666667	-46.58	-13
4	1000	26500	1000	6139.95	-29.71	-13

Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



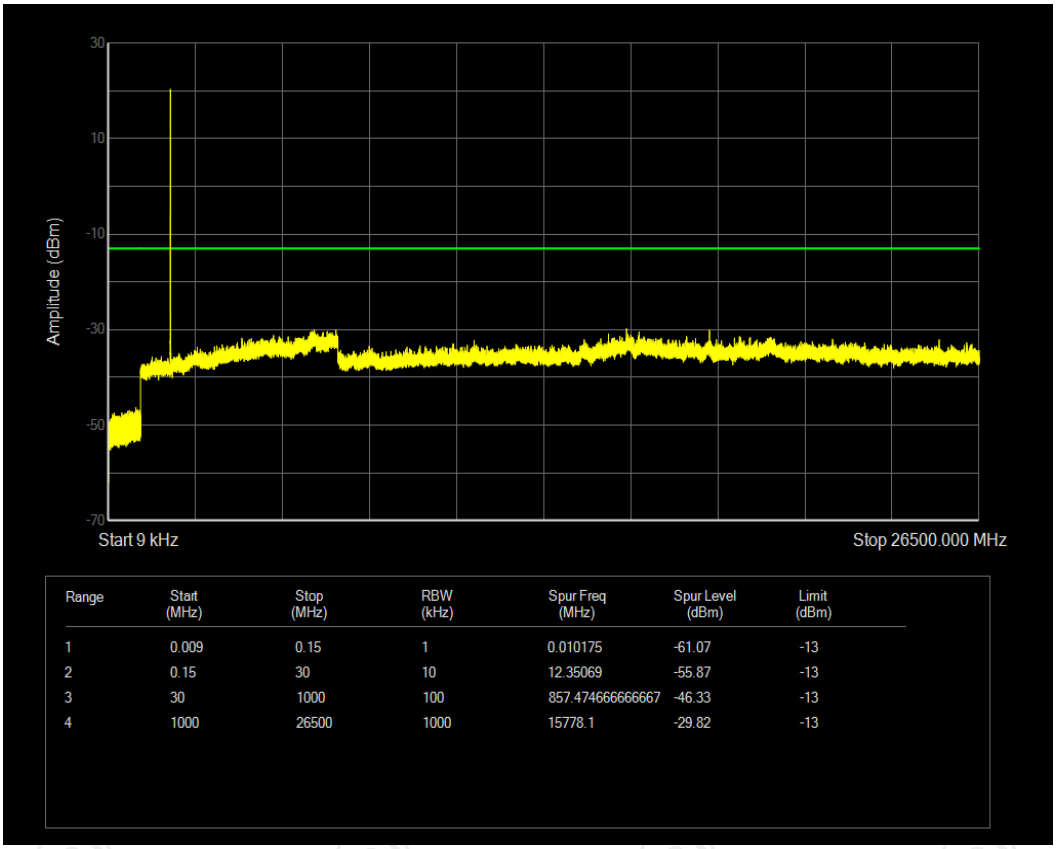
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0132253	-62.26	-13
2	0.15	30	10	11.42733	-55.66	-13
3	30	1000	100	962.816666666667	-46.39	-13
4	1000	26500	1000	6208.8	-30.39	-13

Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



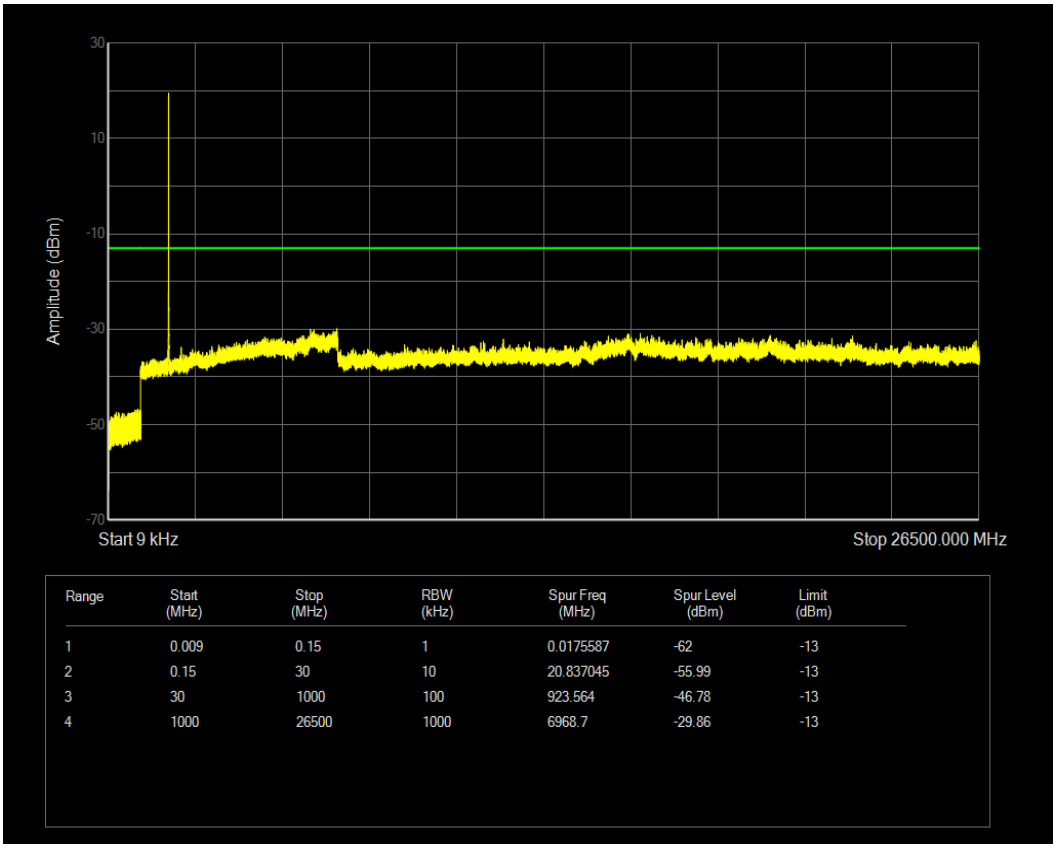
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0099118	-61.43	-13
2	0.15	30	10	12.610385	-55.86	-13
3	30	1000	100	979.436	-45.89	-13
4	1000	26500	1000	6794.45	-30.07	-13

Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



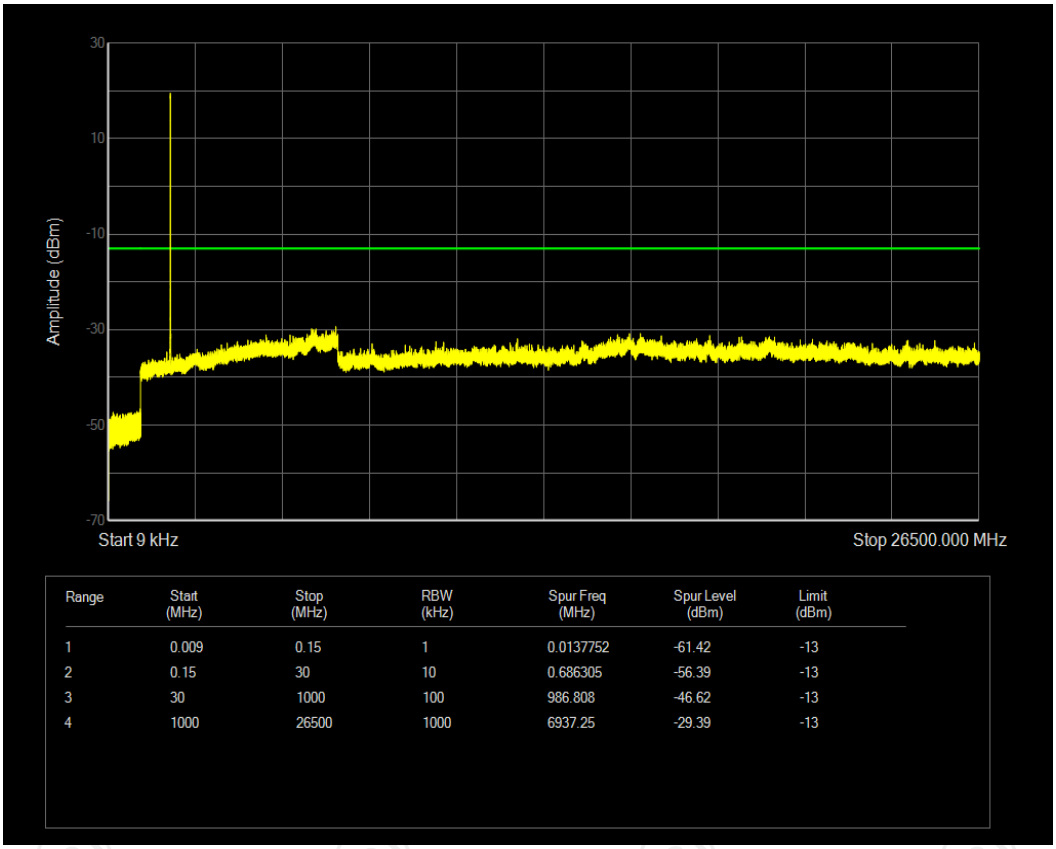
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010175	-61.07	-13
2	0.15	30	10	12.35069	-55.87	-13
3	30	1000	100	857.474666666667	-46.33	-13
4	1000	26500	1000	15778.1	-29.82	-13

Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



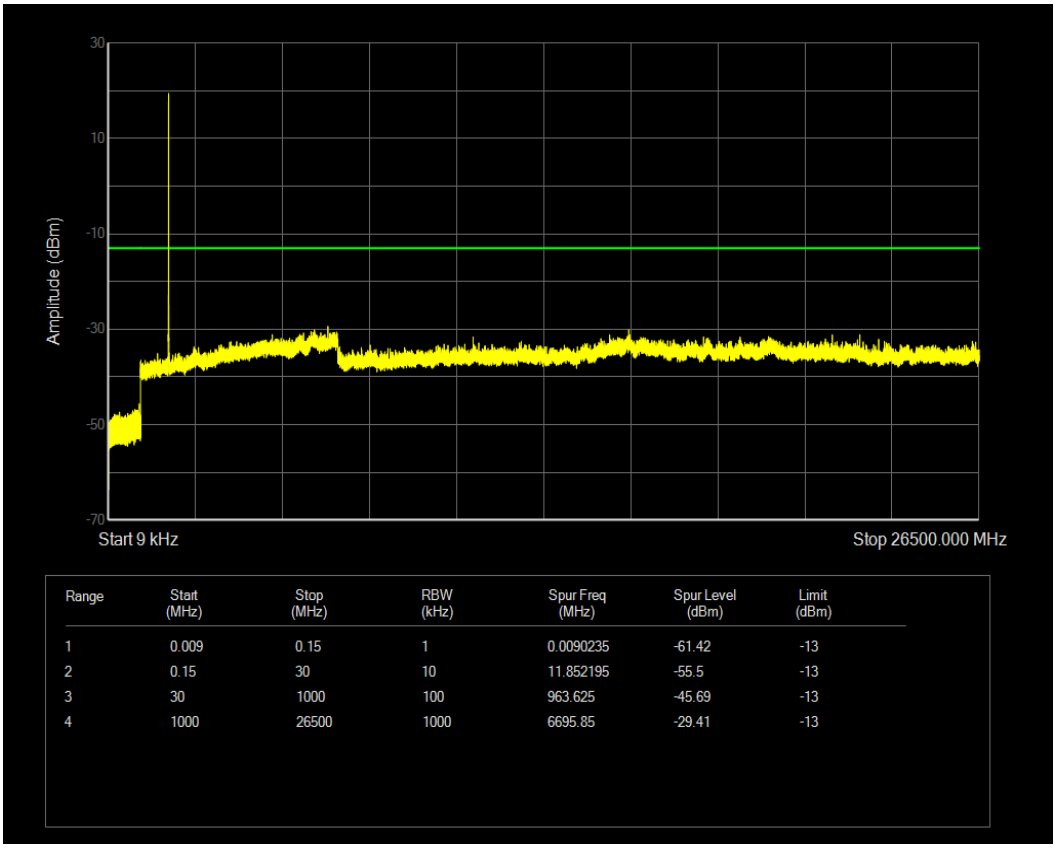
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0175587	-62	-13
2	0.15	30	10	20.837045	-55.99	-13
3	30	1000	100	923.564	-46.78	-13
4	1000	26500	1000	6968.7	-29.86	-13

Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



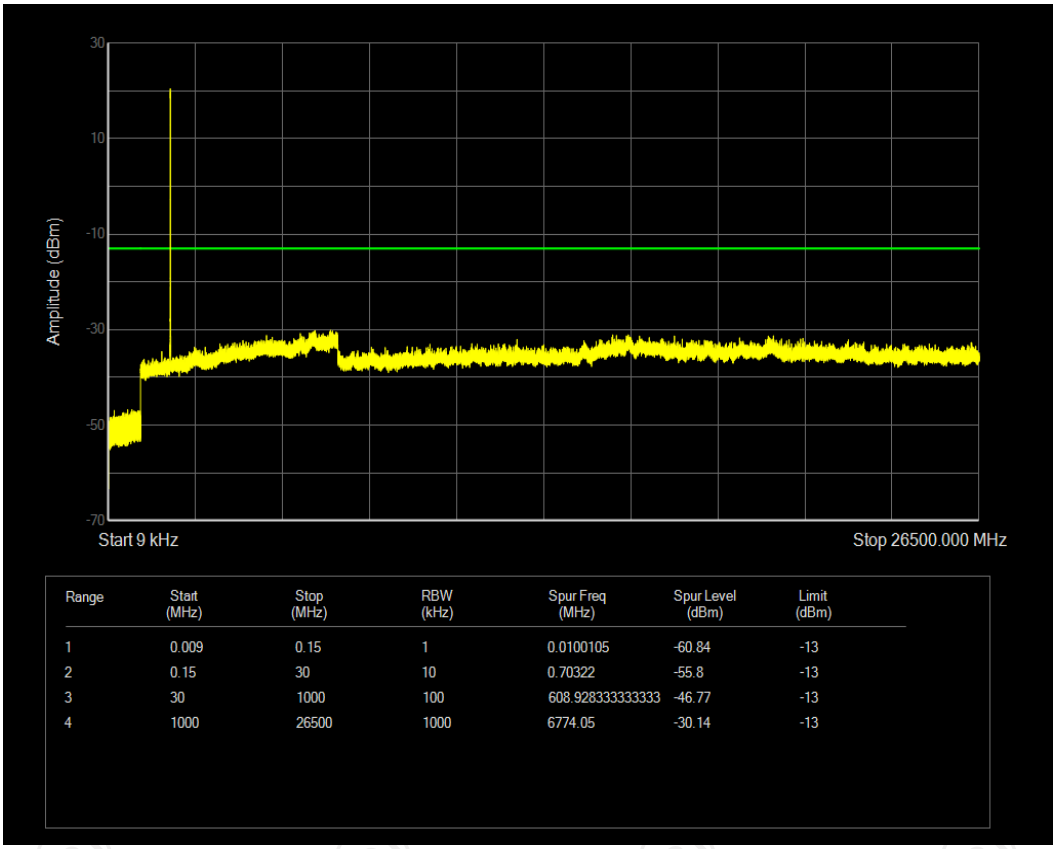
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0137752	-61.42	-13
2	0.15	30	10	0.686305	-56.39	-13
3	30	1000	100	986.808	-46.62	-13
4	1000	26500	1000	6937.25	-29.39	-13

Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



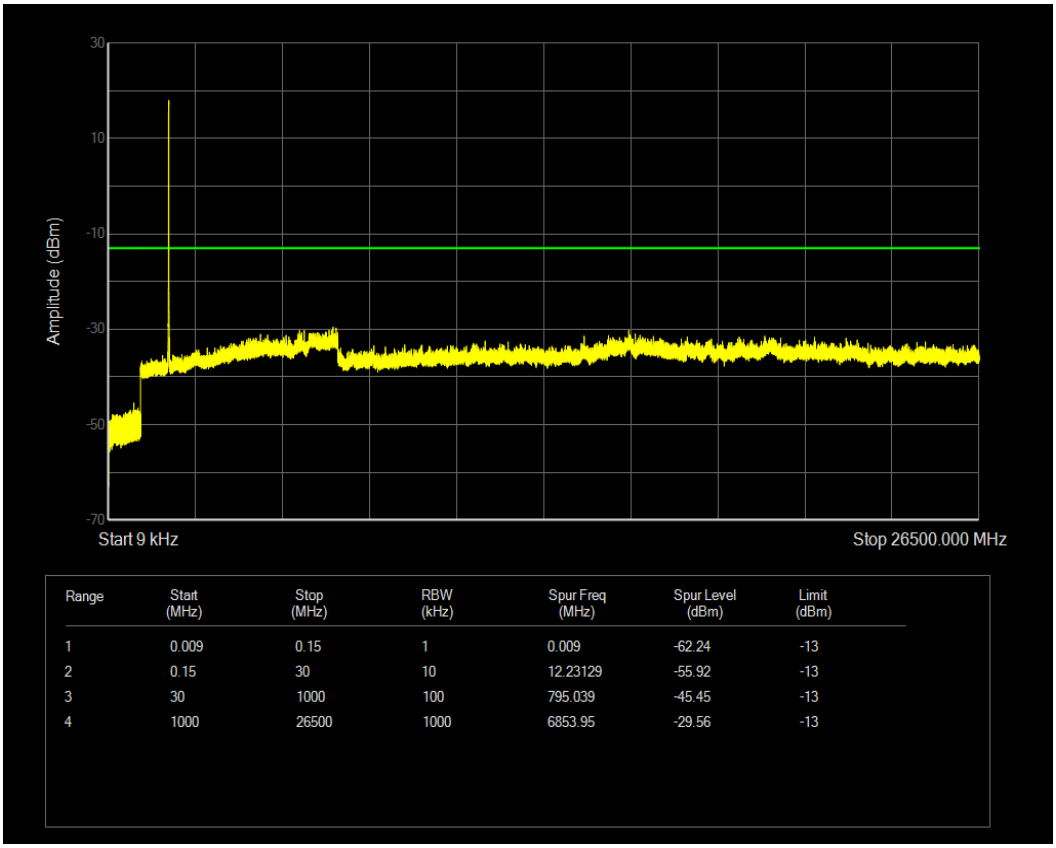
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090235	-61.42	-13
2	0.15	30	10	11.852195	-55.5	-13
3	30	1000	100	963.625	-45.69	-13
4	1000	26500	1000	6695.85	-29.41	-13

Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



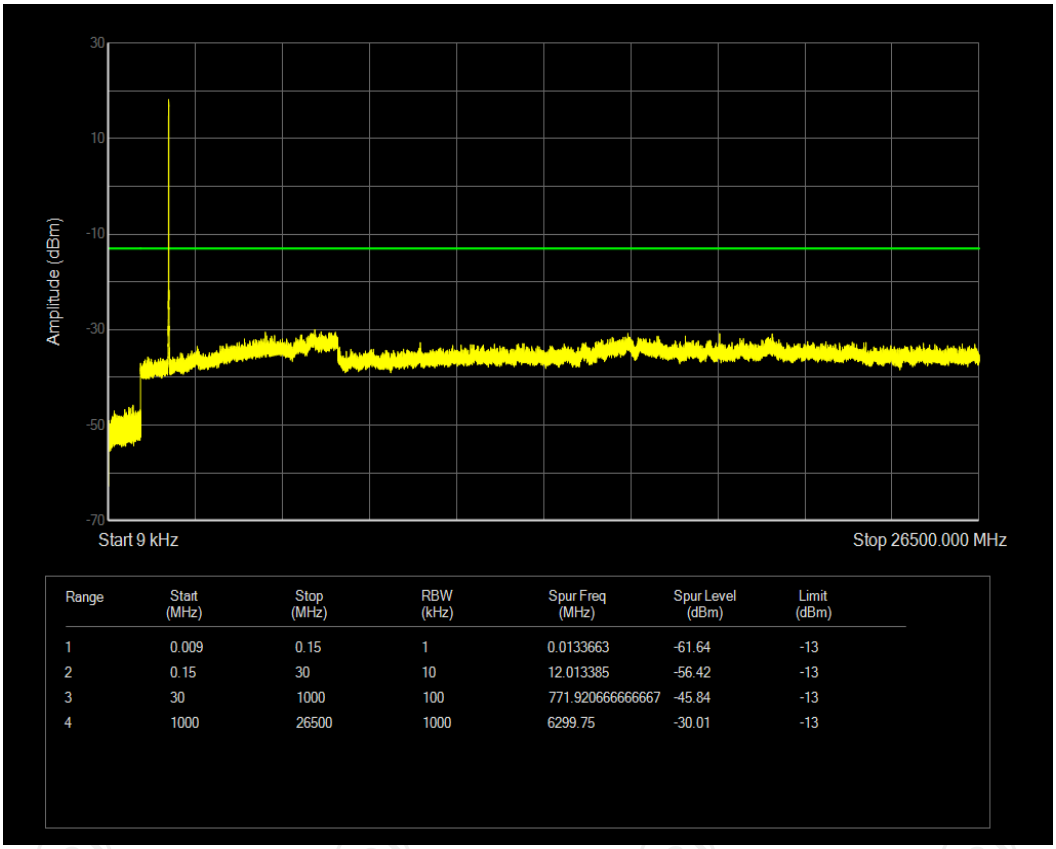
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100105	-60.84	-13
2	0.15	30	10	0.70322	-55.8	-13
3	30	1000	100	608.928333333333	-46.77	-13
4	1000	26500	1000	6774.05	-30.14	-13

Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



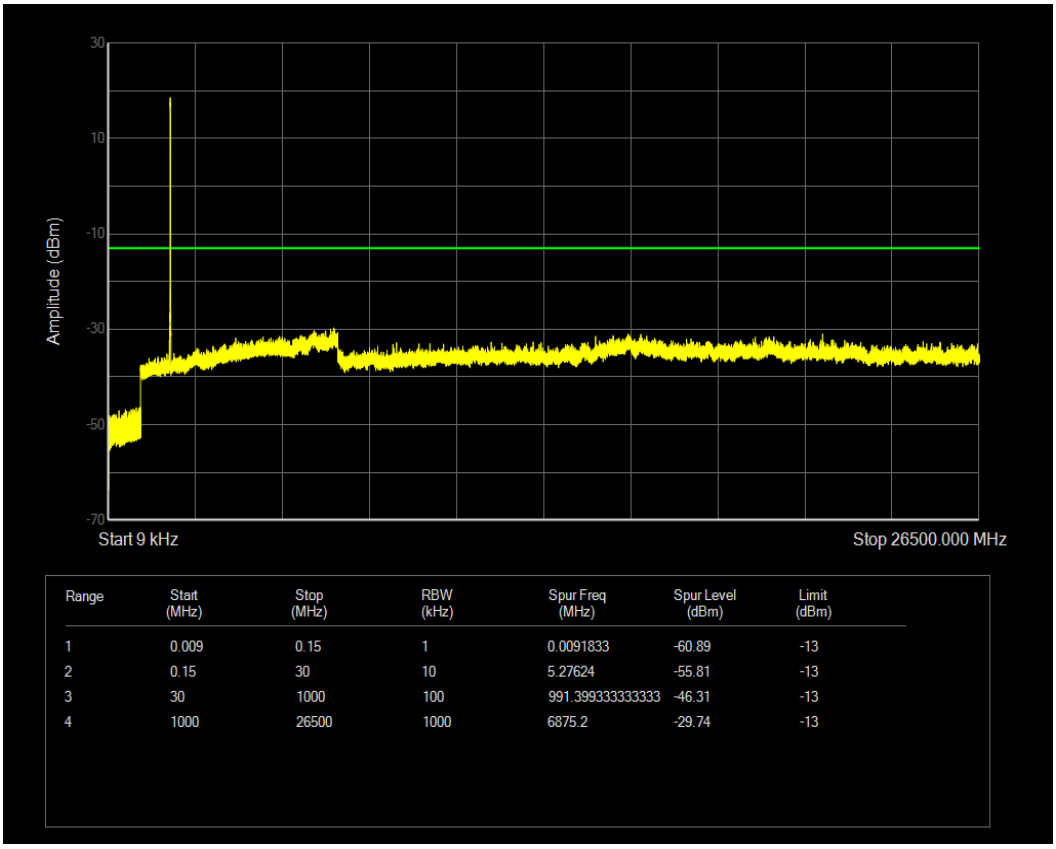
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-62.24	-13
2	0.15	30	10	12.23129	-55.92	-13
3	30	1000	100	795.039	-45.45	-13
4	1000	26500	1000	6853.95	-29.56	-13

Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



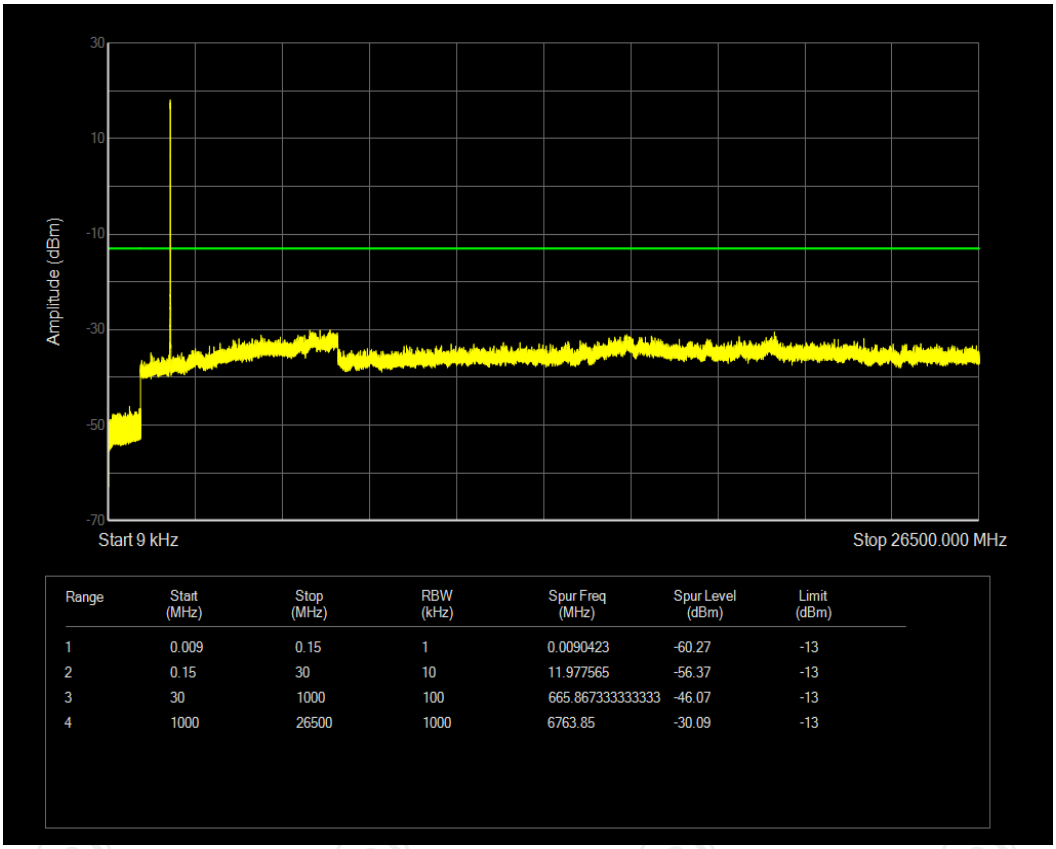
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0133663	-61.64	-13
2	0.15	30	10	12.013385	-56.42	-13
3	30	1000	100	771.920666666667	-45.84	-13
4	1000	26500	1000	6299.75	-30.01	-13

Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



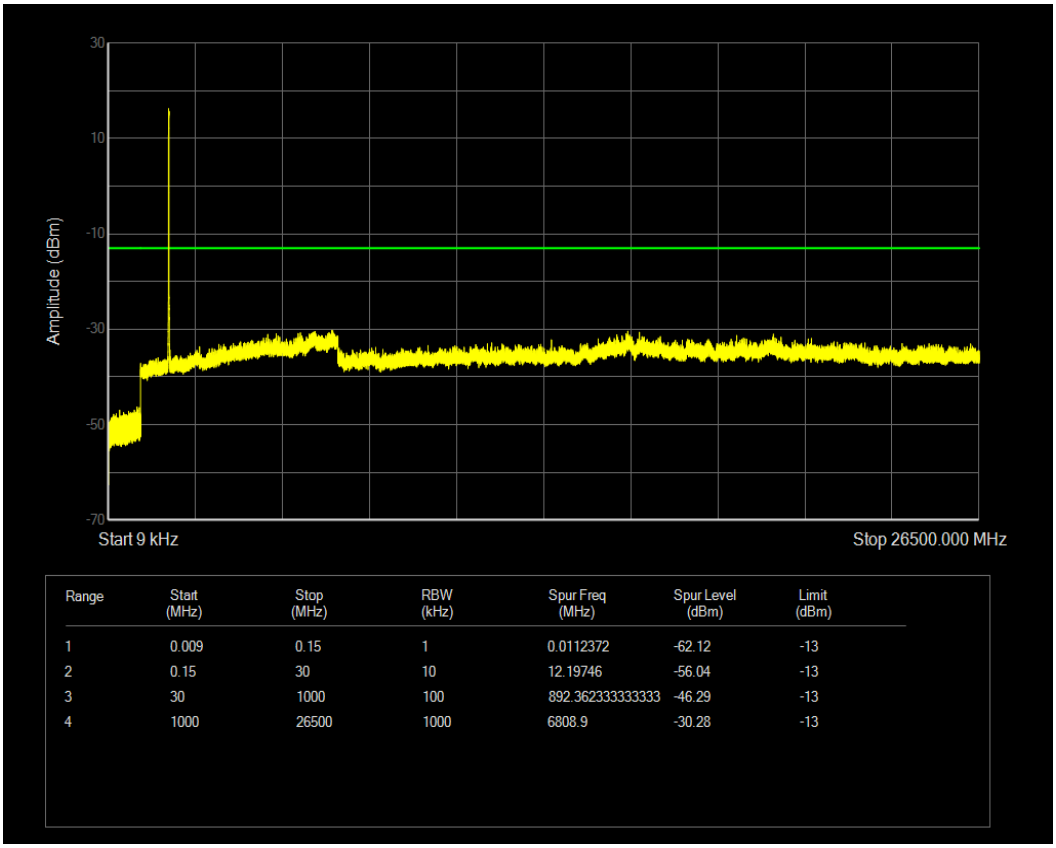
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091833	-60.89	-13
2	0.15	30	10	5.27624	-55.81	-13
3	30	1000	100	991.399333333333	-46.31	-13
4	1000	26500	1000	6875.2	-29.74	-13

Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



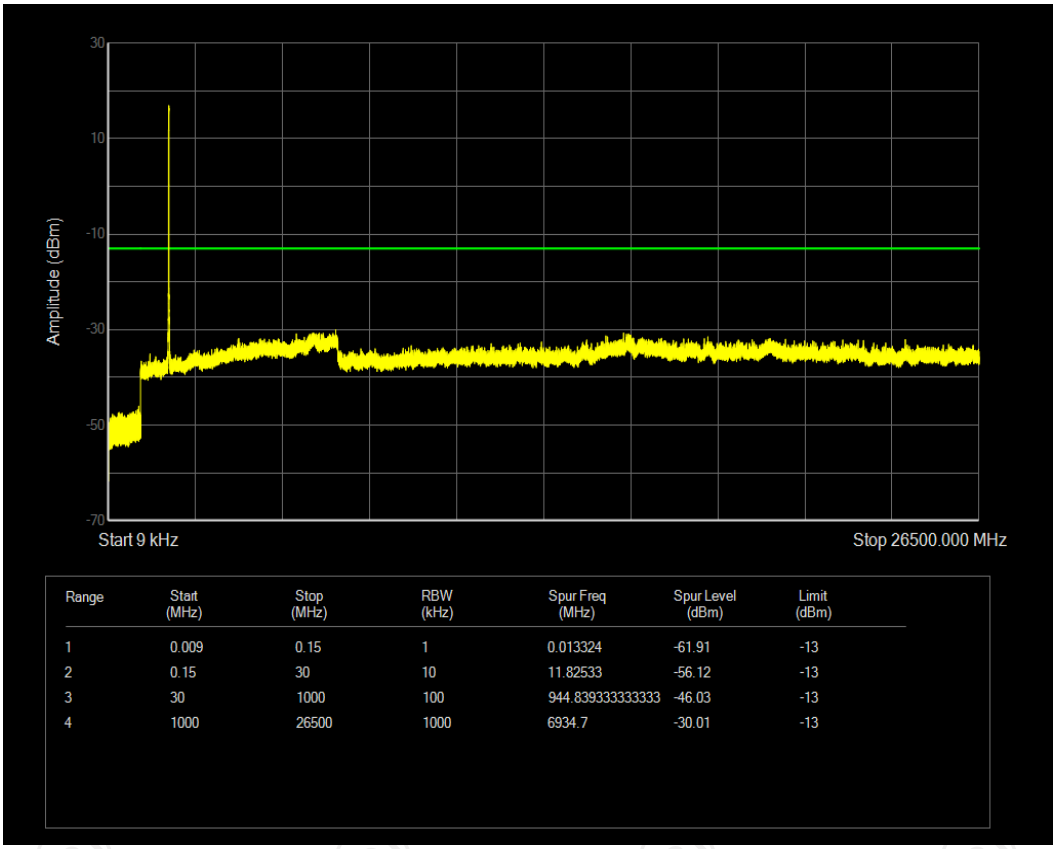
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090423	-60.27	-13
2	0.15	30	10	11.977565	-56.37	-13
3	30	1000	100	665.867333333333	-46.07	-13
4	1000	26500	1000	6763.85	-30.09	-13

Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



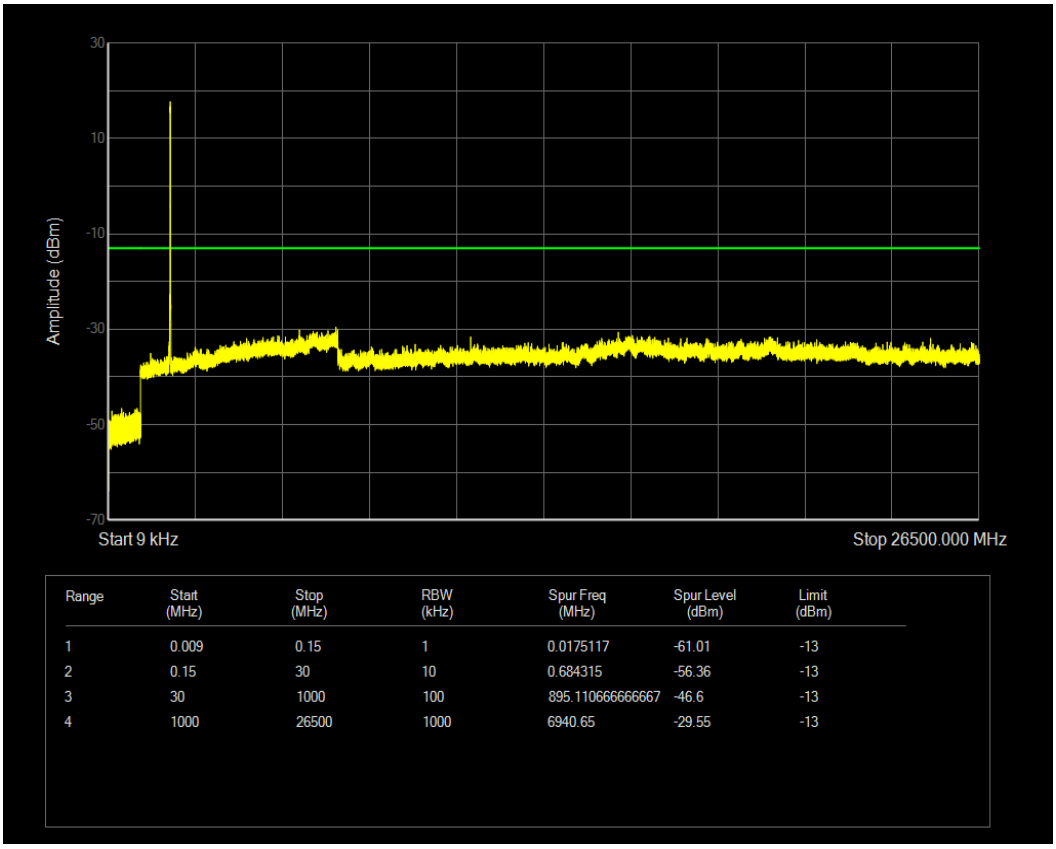
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0112372	-62.12	-13
2	0.15	30	10	12.19746	-56.04	-13
3	30	1000	100	892.362333333333	-46.29	-13
4	1000	26500	1000	6808.9	-30.28	-13

Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



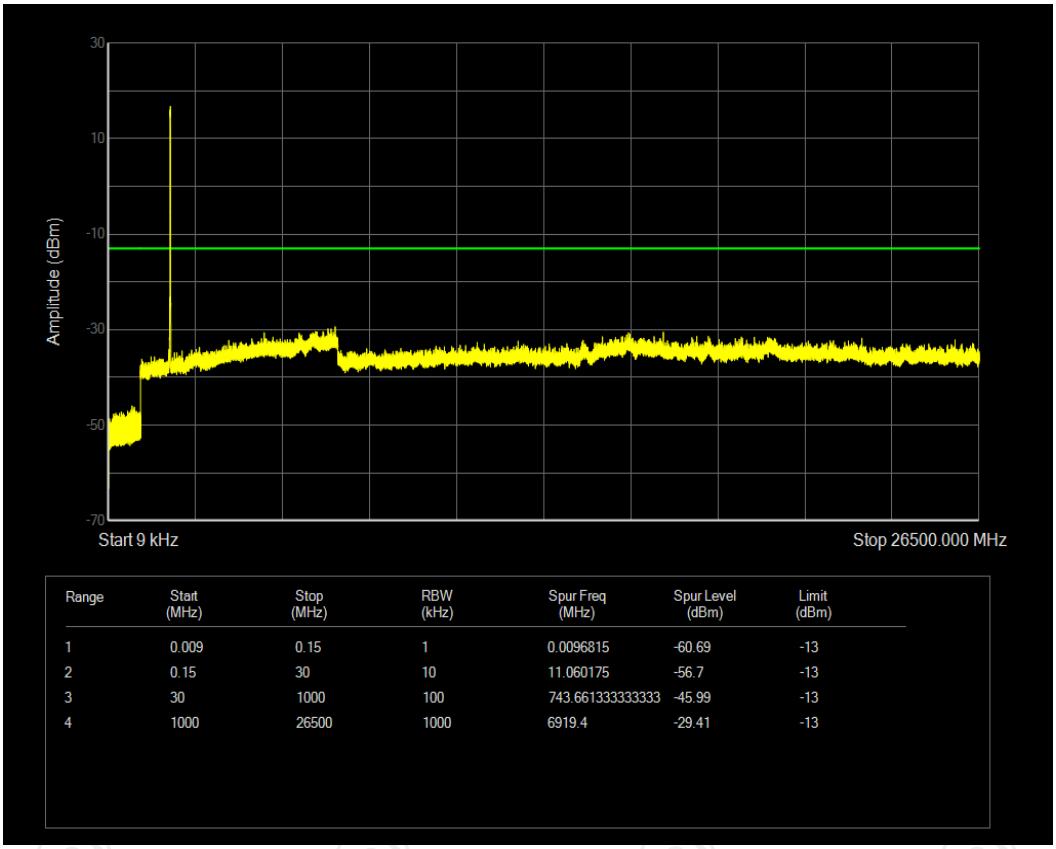
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013324	-61.91	-13
2	0.15	30	10	11.82533	-56.12	-13
3	30	1000	100	944.839333333333	-46.03	-13
4	1000	26500	1000	6934.7	-30.01	-13

Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



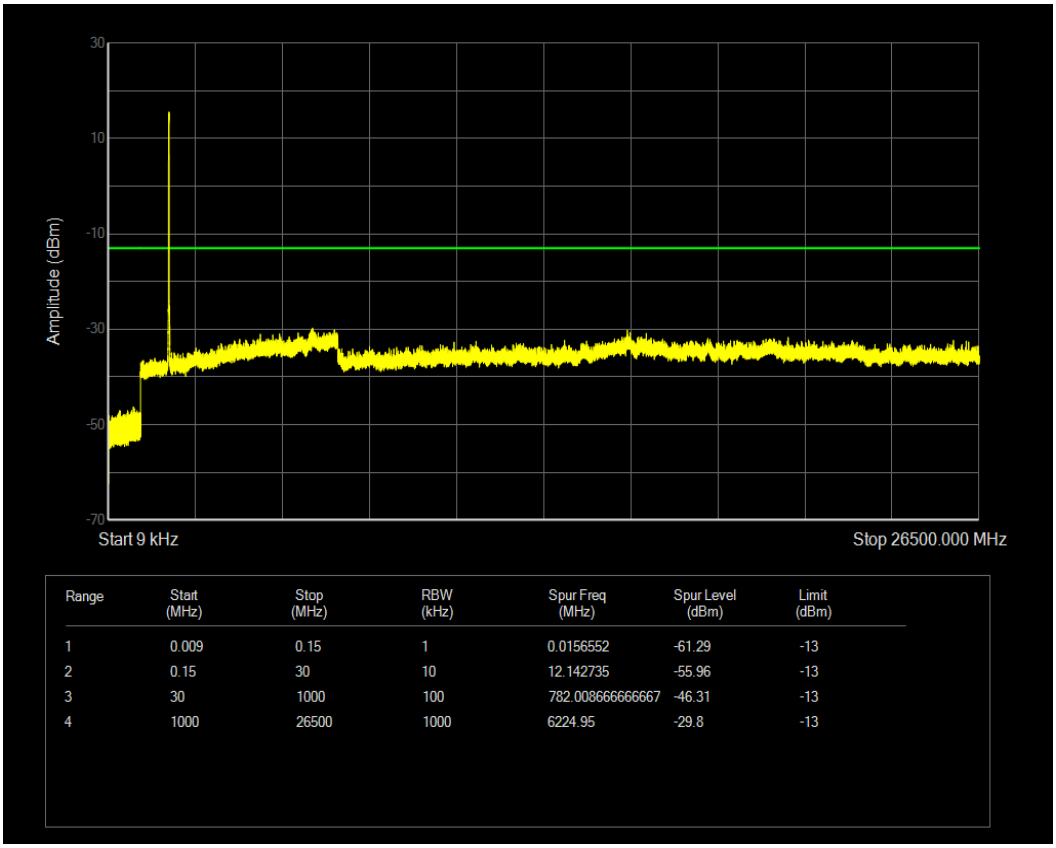
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0175117	-61.01	-13
2	0.15	30	10	0.684315	-56.36	-13
3	30	1000	100	895.110666666667	-46.6	-13
4	1000	26500	1000	6940.65	-29.55	-13

Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



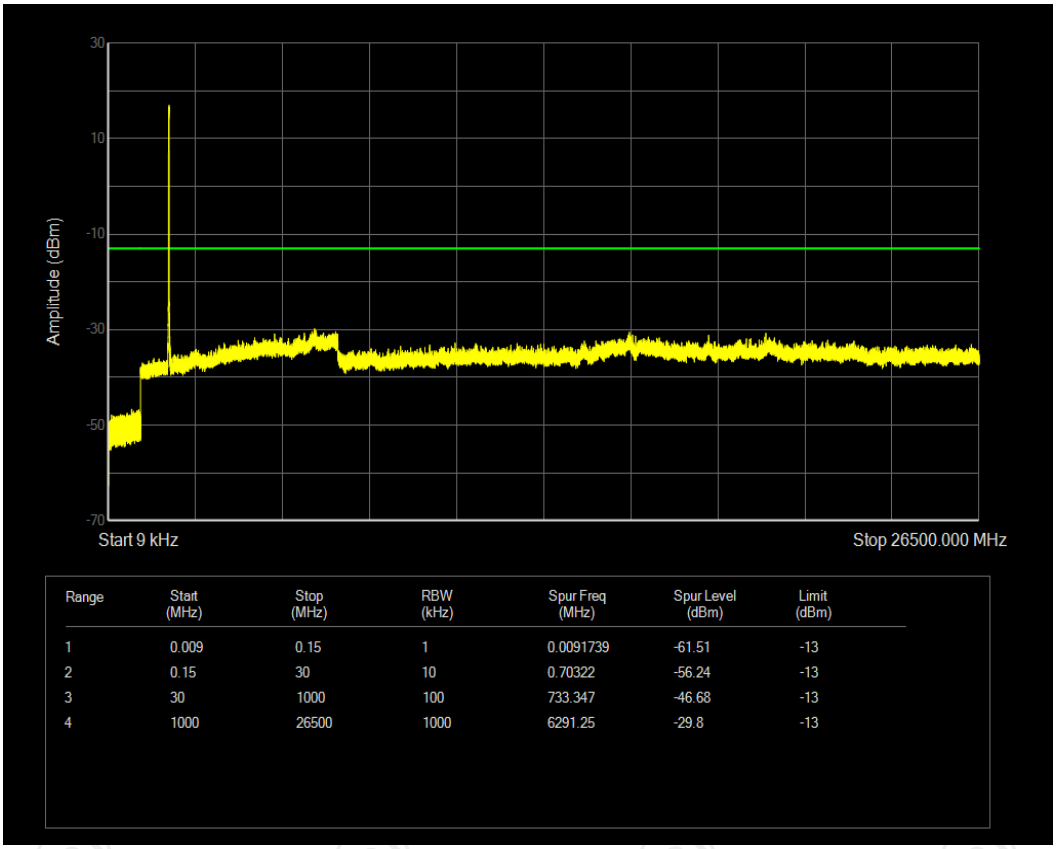
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096815	-60.69	-13
2	0.15	30	10	11.060175	-56.7	-13
3	30	1000	100	743.661333333333	-45.99	-13
4	1000	26500	1000	6919.4	-29.41	-13

Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



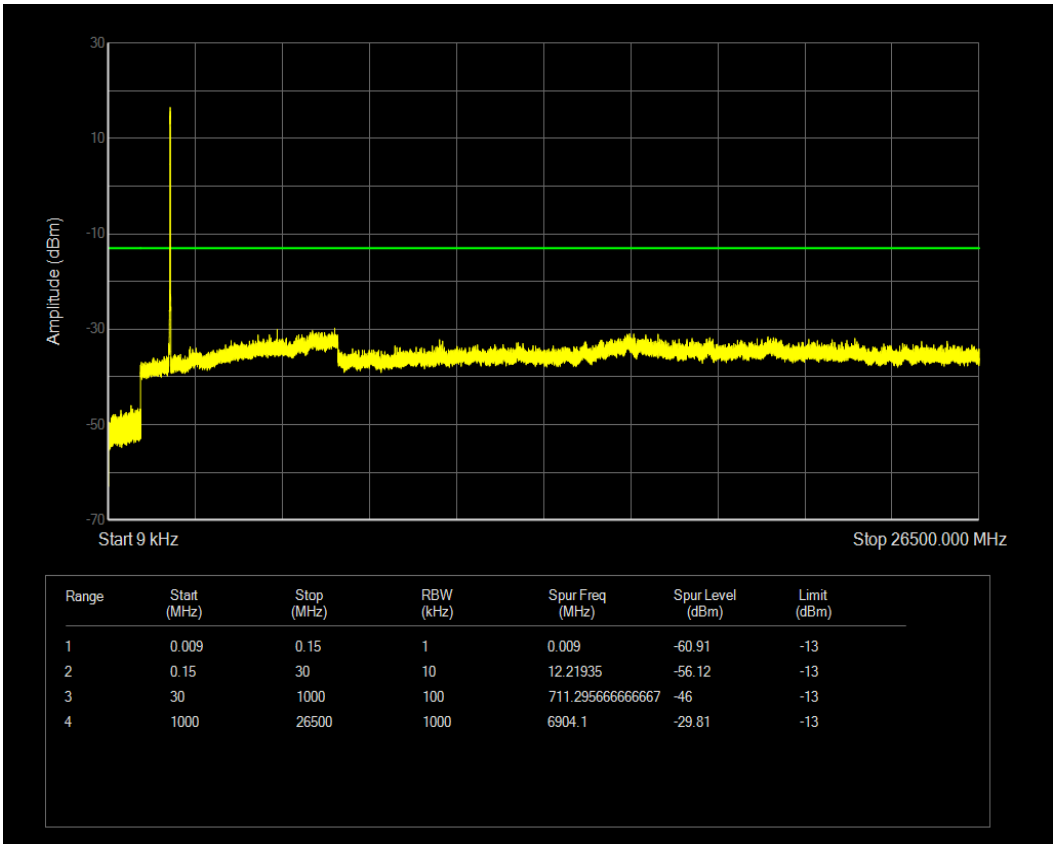
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0156552	-61.29	-13
2	0.15	30	10	12.142735	-55.96	-13
3	30	1000	100	782.008666666667	-46.31	-13
4	1000	26500	1000	6224.95	-29.8	-13

Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



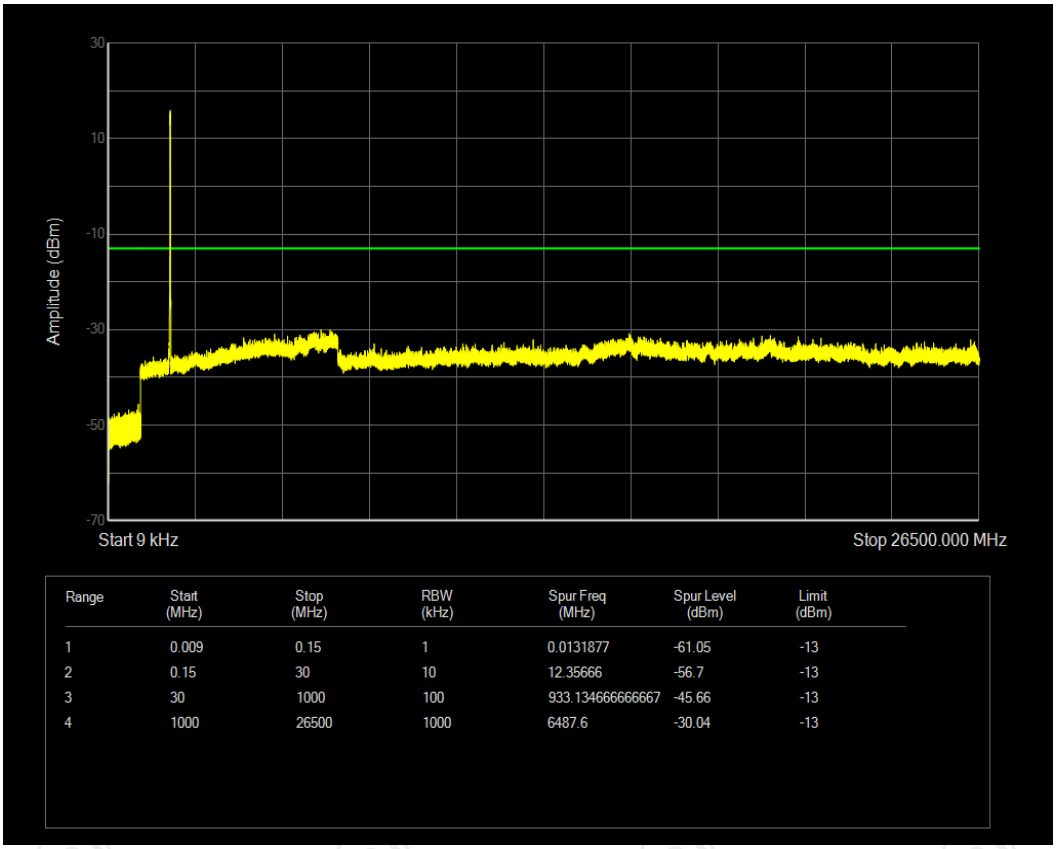
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091739	-61.51	-13
2	0.15	30	10	0.70322	-56.24	-13
3	30	1000	100	733.347	-46.68	-13
4	1000	26500	1000	6291.25	-29.8	-13

Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-60.91	-13
2	0.15	30	10	12.21935	-56.12	-13
3	30	1000	100	711.295666666667	-46	-13
4	1000	26500	1000	6904.1	-29.81	-13

Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0131877	-61.05	-13
2	0.15	30	10	12.35666	-56.7	-13
3	30	1000	100	933.134666666667	-45.66	-13
4	1000	26500	1000	6487.6	-30.04	-13